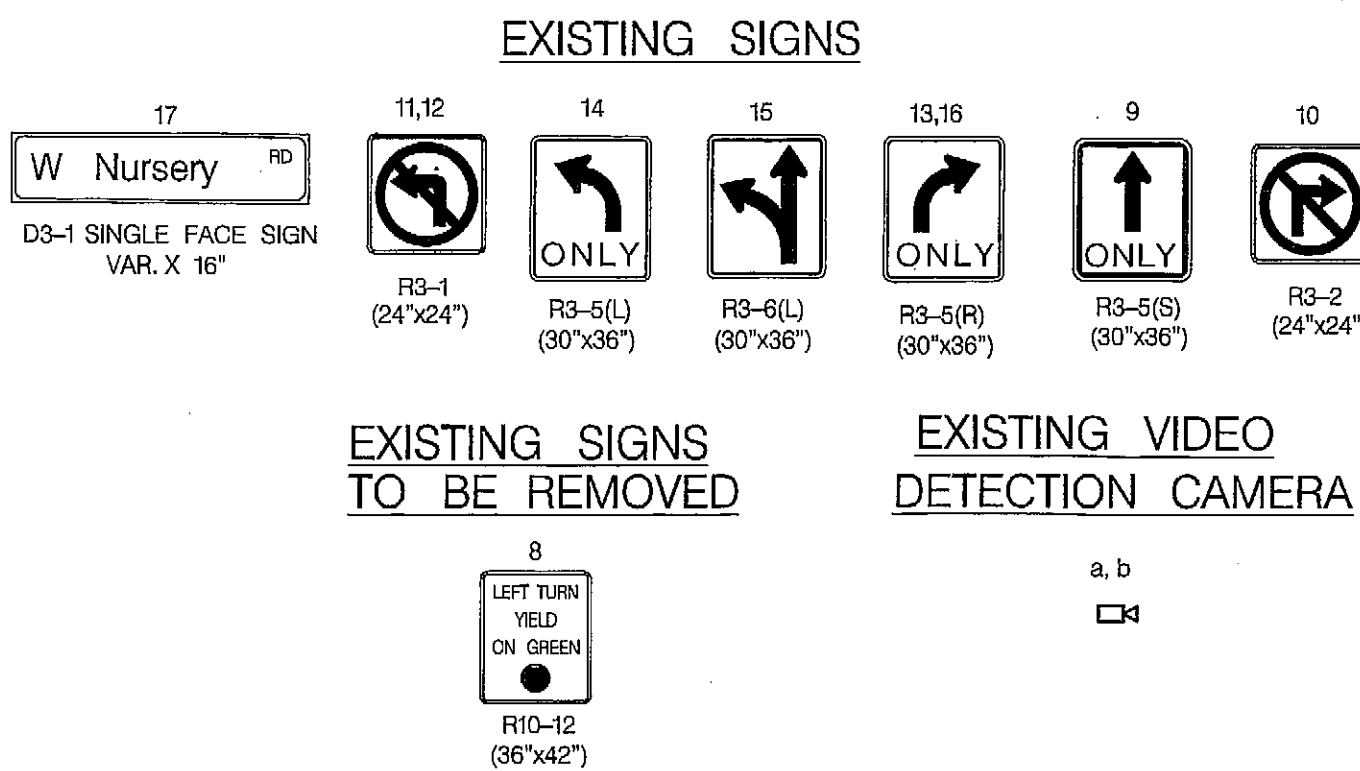
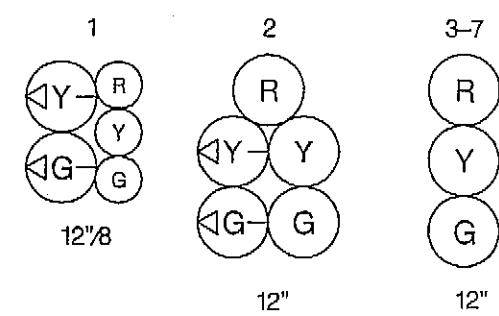


NURSERY ROAD IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

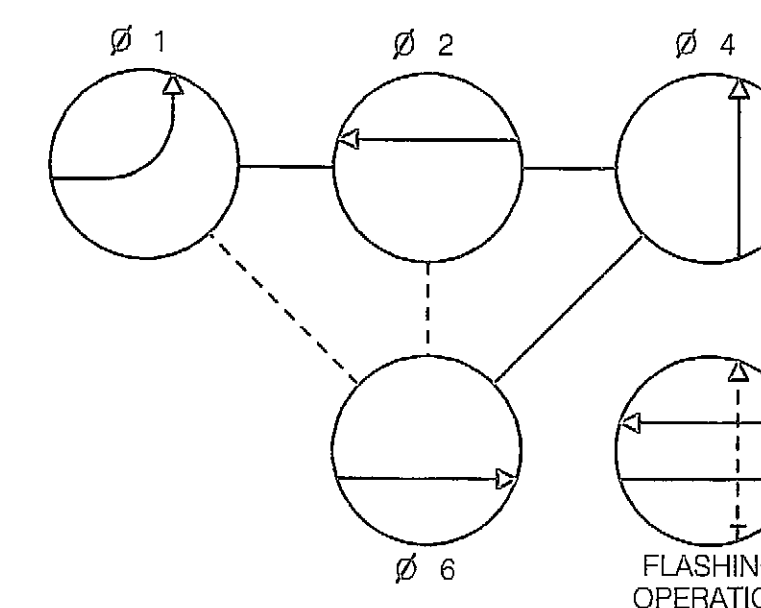
MD 295 SOUTHBOUND ON-RAMP (RAMP B)



EXISTING SIGNALS



NEMA PHASING



PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY WILL OPERATE CONCURRENTLY.

GENERAL NOTES

- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
- THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF ONE YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.
- DISCONNECT AND ABANDON EXISTING SOUTHBOUND WEST NURSERY ROAD PASSAGE DETECTION AND REMOVE LEAD-IN.

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF WEST NURSERY ROAD AND THE SOUTHBOUND MD 295 OFF RAMP IN ANNE ARUNDEL COUNTY. WEST NURSERY ROAD IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A NEMA FOUR-PHASE FULLY-ACTUATED MODE WITH AN EXCLUSIVE-PERMISSIVE LEFT TURN PHASE FOR N.B. WEST NURSERY ROAD. THIS OPERATION WILL NOT CHANGE.

PROJECT CONSTRUCTION

WORK WILL CONSIST OF REPLACING THE EXISTING SOUTHBOUND MICRO-LOOP PROBE DUE TO THE INSTALLATION OF NEW CURB AND GUTTER.

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR
ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO COTS FOR APPROVAL PRIOR TO INSTALLATION.

QUANTITY	DESCRIPTION
LS	MAINTENANCE OF TRAFFIC
2 EA	MICRO-LOOP PROBE WITH LEAD-IN CABLE
20 LF	1 IN. LIQUID-TIGHT, NON-METALLIC CONDUIT - DETECTOR SLEEVE
75 LF	SAWCUT
3 EA	ADJUST EXISTING HANDHOLE TO GRADE
40 LF	24 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE
LS	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT
* 2 EA	HANDHOLE
* 280 LF	3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED

* CONTINGENT ITEM TO BE USED ONLY IF EXISTING HANDHOLES CANNOT BE LOCATED OR THE EXISTING CONDUIT IS DAMAGED

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

AERIAL CABLE
ELECTRICAL
TELEPHONE
GAS
SEWER
WATER
CABLE TV

MD 295 SOUTHBOUND OFF-RAMP (RAMP A)

TRAFFIC CONCEPTS, INC.

325 Gambrills Road
Suite B
Gambrills, MD 21054
(410) 923-7101
FAX: (410) 923-6473
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION
OFFICE DIRECTOR

REVISIONS

10-6-09
TZ
REPLACE DETECTION DUE TO WIDENING
SHA NO. BW-0908092
3-2008
TZ
REPLACE LOOP DETECTION WITH VIDEO CAMERA
SHA NO. AT7245185
6-17-04
TZ
REPLACE MAST ARM IN NORTHWEST CORNER
SHA NO. XX1085485

TRAFFIC SIGNALIZATION PLAN

SCALE 1"=20' DATE 6-2-2004 CONTRACT NO. AA-391-501-570
DESIGNED BY
DRAWN BY M.E.D. OF G&O INC. COUNTY ANNE ARUNDEL COUNTY
CHECKED BY J.C.K. OF G&O INC. LOGMILE 02029514.76
F.A.P. NO. N/A T.I.M.S. NO.
TOD NO.
DRAWING NO. TS-2177 E SHEET NO. 1 OF 1

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DATE: Tuesday, November 03, 2009 AT 10:31 AM